

CLAIMS

1. A flooring system comprising a carrying panel with edges, said edges being provided with means for joining, said carrying panel further being provided with an upper side and a lower side wherein the flooring system comprises a plurality of panels where each panel is provided with an upper decorative surface and that the flooring system comprises panels with at least two of the decorative surfaces selected from the group consisting of; a thermosetting composite, a thermoplastic composite, an elastomeric foil, a thermoplastic foil, a metal sheet, a fabric, a mineral and a mineral composite.
2. A flooring system according to claim 1 wherein the edges are provided with snap-joining functionality.
3. A flooring system according to claim 2 wherein the edges are provided with pre-applied glue.
4. A flooring system according to claim 1 wherein the thermosetting composite comprises cellulose and amino resin.
5. A flooring system according to claim 4 wherein the amino resin is selected from the group consisting of; melamine-formaldehyde resin, urea-formaldehyde resin and mixtures thereof.
6. A flooring system according to claim 4 wherein the thermosetting composite further comprises hard particles selected from the group consisting of; aluminium oxide, silicon oxide and silicon carbide, the particles having an average particle size in the range 50 nm - 150 µm.
7. A flooring system according to claim 1 wherein the thermoplastic composite comprises thermoplastic materials selected from the group consisting of; polyvinyl chloride, ionomeric ethylene methacrylic acid copolymer, polyethylene, polypropylene, polybutene and polycarbonate.

8. A flooring system according to claim 1 wherein the thermosetting composite comprises a radiation curing resin.
9. A flooring system according to claim 8 wherein the thermosetting composite further comprises hard particles selected from the group consisting of; aluminium oxide, silicon oxide and silicon carbide, the particles having an average particle size in the range 50 nm - 150 µm.
10. A flooring system according to claim 1 wherein the elastomeric foil is selected from the group consisting of; thermoplastic elastomers, synthetic rubber and natural rubber.
11. A flooring system according to claim 1 wherein the thermoplastic foil is selected from the group consisting of; polyvinyl chloride, ionomeric ethylene methacrylic acid copolymer, polyethylene, polypropylene, polybutene and polycarbonate.
12. A flooring system according to claim 1 wherein the metal sheet is selected from the group consisting of; aluminium foil, steel foil, copper foil, zinc foil, titanium foil and alloys therefrom.
13. A flooring system according to claim 1 wherein the decorative surface is provided with a surface structure.